AMENDMENTS TO THE CLAIMS

Claims for Reissue application of U.S. 6,251,831

Claim 1 (currently amended)

1. A compound of the formula (1),

$$\begin{array}{c|c} & & & & \\ & & & \\ & & & \\ R^2 & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & & \\ &$$

wherein

- A represents a single bond,
- Q represents oxygen or sulphur,
- R¹ represents hydrogen or formyl or represents in each case optionally cyano-, fluoro-, chloro-, bromo-, phenyl- or C_1 - C_4 -alkoxy-substituted alkyl, alkenyl, alkinyl, alkylcarbonyl, alkoxycarbonyl or alkylsulphonyl having in each case up to 6 carbon atoms, or represents in each case optionally cyano-, fluoro-, chloro-, bromo- or C_1 - C_4 -alkyl-substituted C_3 - C_6 -cycloalkyl, C_3 - C_6 -cycloalkyl-carbonyl or C_3 - C_6 -cycloalkyl-sulphonyl,
- R² represents cyano, fluoro, chloro or bromo or represents in each case optionally cyano-, fluoro-, chloro-, bromo- or C₁-C₄ -alkoxy-substituted alkyl, alkenyl, alkinyl, alkoxy, alkenyloxy or alkinyloxy having in each case up to 6 carbon atoms, and

R³ represents in each case optionally substituted heterocyclyl of the formula below,

in which

- Q¹ represents oxygen or sulphur, and
- represents hydrogen, or amino, or represents C_2 - C_{10} -alkylideneaniino, or represents optionally fluoro-, chloro-, bromo-, cyano-, C_1 - C_4 -alkoxy-, C_1 - C_4 -alkoxy-carbonyl-substituted C_1 - C_6 alkyl, or represents in each case optionally fluoro-, chloro- and/or bromo-substituted C^2 C_6 -alkinyl, or represents in each case optionally fluoro-, chloro-, bromo-, cyano-, C_1 - C_4 -alkoxy- or C_1 - C_4 -alkoxy-carbonyl-substituted C_1 - C_6 -alkoxy, C_1 - C_6 -alkylamino or C_1 - C_6 alkyl-carbonylamino, or represents C_3 - C_6 -alkenyloxy, or represents di- (C_1 - C_6 -alkyl)-amino, or represents in each case optionally fluoro-, chloro-, bromo-, cyano- and/or C_1 - C_4 -alkyl-substituted C_3 - C_6 -cycloalkyl, C_3 - C_6 -cycloalkyl- C_1 - C_4 -alkyl,
- represents hydrogen, or represents optionally fluoro-, chloro-, bromo-, cyano-, C₁ -C₄ -alkoxy-, C₁ -C₄ -alkyl-carbonyl- or C₁ -C₄ -alkoxy-carbonyl-substituted C₁ -C₆ -alkyl, or represents in each case optionally fluoro-, chloro- and/or bromo-substituted C₂ -C₆ -alkenyl or C₂ -C₆ -alkinyl, or represents in each case optionally fluoro-, chloro-, cyano-, C₁ -C₄ -alkoxy- or C₁ -C₄ -alkoxy-carbonyl-substituted C₁ C₆ -alkoxy, C₁ -C₆ -alkylthio, C₁ -C₆ -alkylamino or C₁ -C₆ -alkyl-carbonylamino, or represents C₃ -C₆ -alkenyloxy, C₃ -C₆ -alkinyloxy, C₃ -C₆ -alkenylthio, C₃ -C₆ -alkinylamino, or represents di-(C₁ -C₄ -alkyl)-amino, or represents in each case optionally fluoro-, chloro-, bromo-, cyano- and/or C₁ -C₄ -alkyl-substituted C₃ -C₆ -cycloalkyl, C₅ -C₆ -cycloalkenyl, C₃ -C₆ -cycloalkyloxy, C₃ -C₆ -cycloalkylthio, C₃ -C₆ -cycloalkylamino, C₃ -C₆ -cycloalkyl-C₁ -C₄ -alkyl-C₁ -C₄ -alkyl-C₁ -C₄ -alkoxy, C₃ -C₆ -cycloalkyl-C₁ -C₄ -cycloalkyl-C₁ -C₄ -cycloalkyl-C₁ -C₄ -alkoxy, C₃ -C₆ -cycloalkyl-C₁ -C₄ -cycloalkyl-C₁ -C₄ -cycloalkyl-C₁ -C₄ -alkoxy, C₃ -C₆ -cycloalkyl-C₁ -C₄ -cycloalkyl-C₁ -C₄ -cycloalkyl-C₁ -C₄ -alkoxy, C₃ -C₆ -cycloalkyl-C₁ -C₄ -cycloalkyl-C₁ -C₄ -alkoxy, C₃ -C₆ -cycloalkyl-C₁ -C₄ -cycloalkyl-C₁ -C₄ -alkoxy, C₃ -C₆ -cycloalkyl-C₁ -C₄ -alkyl-C₁ -C₄ -alkyl-C₁ -C₄ -alkoxy, C₃ -C₆ -cycloalkyl-C₁ -C₄ -alkoxy, C₃ -C₆ -cycloalkyl-C₁ -C₄ -alkoxy -C₁ -C₄ -cycloalkyl-C₁ -C₄ -cycloalkyl-C₁ -C₄ -alkoxy -C₁ -C₄ -cycloalkyl-C₁ -C₄ -cy

-alkylthio or C_3 - C_6 -cycloalkyl- C_1 - C_4 -alkylamino, or represents in each case optionally fluoro-, chloro-, bromo-, cyano-, nitro-, C_1 - C_4 -alkyl-, trifluoromethyl-, C_1 - C_4 -alkoxy- and/or C_1 - C_4 -alkoxy-carbonyl-substituted phenyl, phenoxy, phenyl- C_1 - C_4 -alkoxy, phenylthio, phenyl- C_1 - C_4 -alkylthio, or

R⁴ and R⁵ together represent optionally branched alkanediyl having 3 to 11 carbon atoms,

or a salt of the compound of formula (I),

and with the proviso that if R^1 represents methyl then R^2 does not represent 5-methoxy and if R^1 represents ethyl then R^2 does not represent 5-ethoxy.

Claim 2 (original)

- 2. A compound of the formula (I) according to claim 1, wherein
 - A represents a single bond,
 - Q represents oxygen or sulphur,
 - R¹ represents methyl, ethyl, n- or i-propyl,
 - R² represents chloro or methyl- in each case in position 5 or 6- and
 - R³ represents optionally substituted triazolinyl of the formula below,

$$N$$
 R
 R

in which

Q¹ represents oxygen or sulphur, and

- R⁴ represents in each case optionally fluoro-, chloro-, cyano-, methoxy- or ethoxysubstituted methyl, ethyl, n- or i-propyl, or represents propenyl or propinyl, or represents methoxy, ethoxy, n- or i-propoxy, or represents cyclopropyl, and
- R⁵ represents hydrogen, or represents in each case optionally fluoro-, chloro-, cyano-, methoxy- or ethoxy-substituted methyl, ethyl, n- or i-propyl, or represents in each case optionally fluoro and/or chloro-substituted propenyl or propinyl, or represents in each case optionally fluoro-, chloro-, cyano-, methoxy- or ethoxy-substituted methoxy, ethoxy, n- or i-propoxy, methylthio, ethylthio, n- or i-propylthio, or represents propenyloxy or cyclopropyl,

and with the proviso that if R¹ represents methyl then R² does not represent 5-methoxy and if R¹ represents ethyl then R² does not represent 5-ethoxy.

Claim 3 (original)

- 3. A compound of the formula (I) according to claim 1, wherein
 - A represents a single bond,
 - Q represents oxygen or sulphur,
 - R¹ represents hydrogen or formyl, or represents in each case optionally fluoro-, chloro-, bromo-, methoxy- or ethoxy-substituted methyl, ethyl, n- or i-propyl, n-, i- or s-butyl, propenyl, butenyl, propinyl, butinyl, acetyl, propionyl, butyroyl, methoxycarbonyl, ethoxycarbonyl, n- or i-propoxycarbonyl, methylsulphonyl, ethylsulphonyl, n- or i-propylsulphonyl, n-, i-, s- or t-butylsulphonyl, or represents in each case optionally fluoro-, chloro- or methyl-substituted cyclopropyl, cyclopropylcarbonyl or cyclopropylsulphonyl,
 - R² represents cyano, fluoro, chloro or bromo, or represents in each case optionally fluoro-, chloro-, methoxy- or ethoxy-substituted methyl, ethyl, n- or i-propyl, n-, i- or s-butyl, propenyl, butenyl, propinyl, butinyl, methoxy, ethoxy, n- or i-propoxy, n-,

i- or s-butoxy, propenyloxy, butenyloxy, propinyloxy or butinyloxy and

R³ represents in each case optionally substituted heterocyclyl of the formulae below,

in which

- Q¹ represents oxygen or sulphur, and
- represents hydrogen, or amino, or represents C₃ -C₄ -alkylideneamino, or represents in each case optionally fluoro-, chloro-, cyano-, methoxy- or ethoxy-substituted methyl, ethyl, n- or i-propyl, n-, i-, s- or t-butyl, or represents in each case optionally fluoro-, chloro- or bromo-substituted propenyl, butenyl, propinyl or butinyl, or represents in each case optionally fluoro-, chloro-, cyano-, methoxy- or ethoxy-substituted methoxy, ethoxy, n- or i-propoxy, n-, i-, s- or t-butoxy, methylamino, ethylamino, n- or i-propylamino, n-, i-, s- or t-butylamino, or represents propenyloxy or butenyloxy, or represents dimethylamino or diethylamino, or represents in each case optionally fluoro-, chloro-, methyl- and/or ethyl-substituted cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, cyclopropylamino, cyclobutylamino, cyclopentylamino, cyclohexylamino, cyclopropylmethyl, cyclobutylmethyl, cyclopentylmethyl or cyclohexylmethyl,
- R⁵ represents hydrogen, or represents in each case optionally fluoro-, chloro-, cyano-, methoxy- or ethoxy-substituted methyl, ethyl, n- or i-propyl, n-, i-, s- or t-butyl, or represents in each case optionally fluoro-, chloro- or bromo-substituted ethenyl, propenyl, butenyl, propinyl or butinyl, or represents in each case optionally fluoro-, chloro-, cyano-,

methoxy- or ethoxy-substituted methoxy, ethoxy, n- or i-propoxy, n-, i-, sor t-butoxy, methylthio, ethylthio, n- or i-propylthio, n-, i-, s- or t-butylthio, methylamino, ethylamino, n- or i-propylamino, n-, i-, s- or t-butylamino, or represents propenyloxy, butenyloxy, propinyloxy, butinyloxy, propenylthio, propadienylthio, butenylthio, propinylthio, butinylthio, propenylamino, butenylamino, propinylamino or butinylantino, or represents dimethylamino, diethylamino or dipropylamino, or represents in each case optionally fluoro-, chloro-, methyl- and/or ethyl-substituted cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, cyclopentenyl, cyclohexenyl, cyclopropyloxy, cyclobutyloxy, cyclopentyloxy, cyclohexyloxy, cyclopropylthio, cyclobutylthio, cyclopentylthio, cyclohexylthio, cyclopropylamino, cyclobutylamino, cyclopentylamino, cyclohexylamino, cyclopropylmethyl, cyclobutylmethyl, cyclopentylmethyl, cyclohexylmethyl, cyclopropylmethoxy, cyclobutylmethoxy, cyclopentylmethoxy, cyclohexylmethoxy, cyclopropylmethylthio, cyclobutylmethylthio, cyclopentylmethylthio, cyclohexylmethylthio, cyclopropylmethylamino, cyclobutylmethylamino, cyclopentylmethylamino or cyclohexylmethylamino, or represents in each case optionally fluoro-, chloro-, methyl-, trifluoromethyl-, methoxy-and/or methoxy-carbonyl substituted phenoxy, benzyloxy, phenylthio, benzylthio, or

R⁴ and R⁵ together represent optionally branched alkanediyl having 3 to 11 carbon atoms,

with the proviso that if R¹ represents methyl then R² does not represent 5-methoxy and if R¹ represents ethyl then R² does not represent 5-ethoxy.

Claim 4 (original)

4. The compound of formula (I) according to claim 1 wherein

A represents a single bond,

Q represents oxygen,